



GRASPOINTNER
Sustainable innovation.



Technology in harmony
with nature.



FILCOTEN[®]

self
light
tec
pro

Drainage systems

Sustainable in every respect,
high-performance down to the last fiber –
or simply FILCOTEN®.



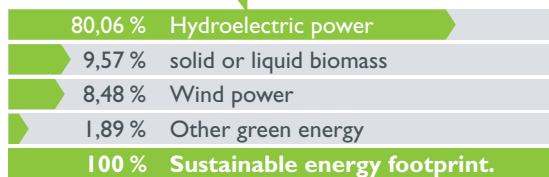
Sustainability and innovation are the key components of our company culture. This is reflected in the materials we use for our products and our manufacturing processes. **The result: Cutting-edge technology in harmony with nature.**

Certified: non-toxic.

- Meets the strict criteria of the Rosenheim Institute for Building Biology (IBR)
- Protects health and the environment
- Guaranteed to be ecologically safe as it is tested for biocides, solvents, VOC, heavy metals and radioactivity



BG-energy mix:



As of 2016

Mineral raw material, recyclable and energy-efficient.

FILCOTEN® HPC (High Performance Concrete) is a mineral material which is 100% recyclable and free from synthetic resins and solvents. When it comes to our production, we rely on an environmentally friendly energy mix for production and avoid using fossil fuels to the greatest extent possible.

Environmentally friendly production process.

We also focus on environmental protection for the production process – in the choice of raw materials and by avoiding excessive waste. On that note, we have implemented an environmental management system in accordance with the ISO standard 14001.

Material with excellent properties.

- FILCOTEN® HPC (High Performance Concrete)
- Cement-bonded, mineral material with high bending tensile strength thanks to fiber reinforcement
- Up to 70% lighter than conventional concrete channels
- Temperature, frost and UV-resistant
- Resistant to rust, oil and petrol
- Coefficient of expansion matches the mineral environment
- Long-lasting pleasant appearance



FILCOTEN® light



Nominal width 100, 150

Applications

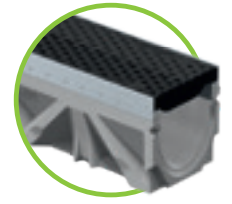
- Terraces, balconies
- Garages, house driveway
- Sports- und garden facilities
- Pedestrian area, pavement

up to class C 250 kN



FILCOTEN® light mini shallow channel

FILCOTEN® tec



Nominal width 100, 150, 200

Applications

- Car parking areas
- Pedestrian area, parks
- City squares, office building
- Sport and recreation facilities

up to class C 250 kN



FILCOTEN® tec mini shallow channel

FILCOTEN® pro

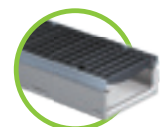


Nominal width 100, 150, 200, 300

Applications

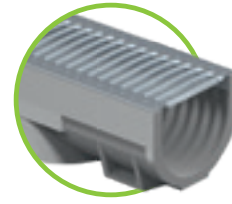
- Industrial surfaces
- Factories and warehouses
- Workshops
- Dealerships, petrol stations

up to class E 600 kN



FILCOTEN® pro mini shallow channel

FILCOTEN® self



Nominal width 100

Applications

- Terraces, balconies
- Garages, house driveway
- Garden- and landscaping

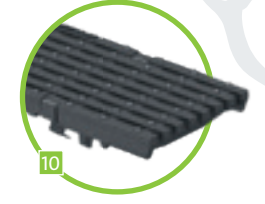
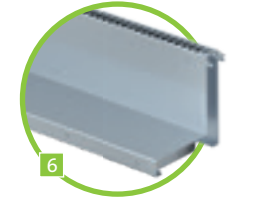
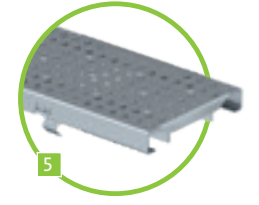
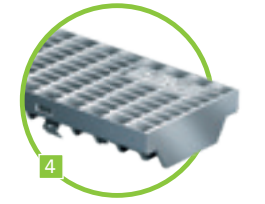
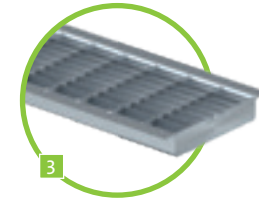
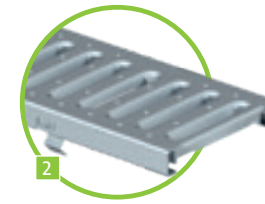
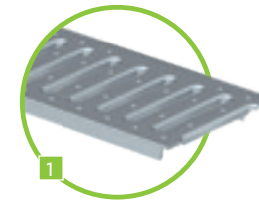
up to class B 125 kN

Gratings	System	Nominal width				class ¹⁾	Material
		100	150	200	300		
1 Slotted grating / over-lay	self	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A	G
	light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A	G, SST
	light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A	G
2 Slotted grating / in-lay	tec	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A, C	G, SST
	pro	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	C	G, SST
	light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B	G, SST
3 Mesh grating / over-lay	light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B	G
	tec, pro	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B	G
	tec, pro	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	C	G, SST
4 Mesh grating	pro	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	D	G, SST
	pro	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	C	G
	tec	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A, C	G, SST
5 Perforated grating	tec	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	C	G, SST
	tec	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	C	G, SST
	pro	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	C	G, SST
6 Slot top	self, light, tec	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B	G, SST
	light, tec, pro	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	C	G, SST
	tec, pro	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	C	PA6
7 COMBee design grating	self	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B	DI
8 DI mesh grating / over-lay	light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	C	DI
	tec	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	C	DI
	pro	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	C, D	DI
9 DI elongated bar grating	pro	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	E	DI
	pro	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	D, E	DI
	tec, pro	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	C	DI
10 DI elongated bar grating / narrow slot width	pro	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	D	DI
11 DI slotted grating	pro	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	E	DI
	pro	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	F	DI
	pro	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	E	DI
12 DI VILLE design grating	pro	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	E	DI

¹⁾ load classes acc. to EN 1433 – A 15kN, B 125 kN, C 250 kN, D 400 kN, E 600 kN, F 900 kN
G – galvanized | SST – stainless steel | DI – ductile iron | PA6 – polyamide

Discover FILCOTEN® HPC – High Performance Concrete:

www.bg-company.com



References



FILCOTEN® self



FILCOTEN® light



FILCOTEN® tec



FILCOTEN® pro



GRASPOINTNER
Sustainable innovation.

BG-Graspointner GmbH
Gessenschwandt 39
4882 Oberwang
AUSTRIA

Tel.: +43 6233/89 00-0

Fax: +43 6233/89 00-303

E-Mail: office@graspointner.at

Web: www.graspointner.at

Innovation & environmental awareness also
apply for our print products.



greenprint*
carbon positive printed

* Our contribution to the reforestation project of BOKU Wien in Ethiopia.

BG

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